

CYTHEREIS DISTINGUENDA NEVIANI, 1928, *CYTHERE CRISPATA* BRADY, 1868 AND *CYTHERE PAVONIA* BRADY, 1866 (*CRUSTACEA, OSTRACODA*): PROPOSED CONSERVATION OF TYPE MATERIAL AND VALIDATION OF LECTOTYPES AND A HOLOTYPE.
Z.N.(S.) 2392.

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The purpose of this application to the Commission is to secure the validity of rediscovered type material of three species of Ostracoda (i.e. *Cythere oblonga* Brady, 1866; *Cythere pavonia* Brady, 1866; *Cythere crispata* Brady, 1868).

(A) *Cythere oblonga* Brady, 1866

(i) In 1866 Brady (*Trans. zool. Soc. Lond.*, vol. 5 (5), p. 353) described as new a species of ostracod which he named *Cythere oblonga*.

(ii) Neviani, 1928 (*Memorie Accad. pont. Nuovi Lincei*, Ser. II, vol. XI, p. 105) recognised that Brady's name was a junior primary homonym of *Cythere oblonga* McCoy, 1844 and provided a nomen novum, *Cythereis distinguenda*, for this species. However, his illustration and description were not of Brady's species. Nevertheless, the name *distinguenda* was the next available name.

(iii) Athersuch, 1977 (*Bull. Brit. Mus. nat. Hist. (Zool.)*, vol. 32, p. 257) placed this species in *Urocythereis* and designated a neotype for three reasons:

(a) failure to locate Brady's material of this species in either the British Museum (Nat. Hist.) London or the Hancock Museum, Newcastle-upon-Tyne;

(b) problems surrounding the identity of this species as conceived by Brady;

(c) confusion of this with other species of *Urocythereis*.

(iv) In September, 1981 the original material was rediscovered when it was sent to me (from Australia) by K.G. McKenzie, in whose custody the material had been for many years unbeknown to me or to the curators of either the British Museum (Nat. Hist.) or the Hancock Museum, Newcastle-upon-Tyne, England.

(v) In my opinion, there is no doubt that the rediscovered material and the neotype are conspecific.

(vi) Of the rediscovered type material, I designate herein as lectotype a ?female carapace from the Levant. It is housed in the Hancock Museum, Newcastle-upon-Tyne, on slide number B215a.

(B) *Cythere pavonia* Brady, 1866

(i) The neotype designation for *Cythere pavonia* (= *Loculicytheretta pavonia*) by Athersuch & Bonaduce, 1978 (*Pubbl. Staz. zool. Napoli*, vol. 40, p. 350) was not valid as there was then, and is now, no confusion over the identity of this species.

(ii) Rediscovered type material of *C. pavonia* from the Levant was sent to me in September 1981 by K.G. McKenzie. It is conspecific with the neotype and automatically takes priority.

(iii) Of the surviving type material of *C. pavonia*, a female carapace is designated herein as lectotype. It is housed in the Hancock Museum, Newcastle-upon-Tyne, on slide number B220 a.

(C) *Cythere crispata* Brady, 1868

(i) The neotype designation for *Cythere crispata* Brady, 1868 (= *Callistocythere crispata* (Brady)) by Athersuch & Whittaker, 1980 (*Stereo-Atlas Ostracod Shells*, vol. 7, p. 69) may also be considered invalid since no mention of possible taxonomic confusion was made by the authors. However, the main purpose of the publication of that paper was to remove the long-standing confusion between this species and *Callistocythere littoralis* (Müller, 1894). Unfortunately, because of the house-style of the *Stereo-Atlas of Ostracod Shells*, each species is dealt with in a separate paper. The paper on *C. littoralis* which accompanied that on *C. crispata* in the same issue, contains remarks concerning the confusion surrounding these two species.

(ii) Rediscovered type material from Tenedos, Greece was sent to me in September, 1981 by K.G. McKenzie. It is conspecific with the neotype and comprises a single carapace which is automatically the holotype and which takes priority over the neotype. It is housed in the Hancock Museum, Newcastle-upon-Tyne, on slide number B327.

I therefore ask the Commission:

- (1) to rule under Article 75f that the rediscovered type material of *Cythereis distinguenda* Neviani, 1928, *Cythere pavonia* Brady, 1866 and *Cythere crispata* Brady, 1868 be given precedence over the neotypes designated for these species by Athersuch (1977), Athersuch & Bonaduce (1978) and Athersuch & Whittaker (1980), respectively;
- (2) to ratify the designations of lectotypes for *Cythereis distinguenda* and *Cythere pavonia* and of a holotype for *Cythere crispata*, as referred to above;
- (3) to place the three specific names mentioned in (1) above on the Official List of Specific Names in Zoology.